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POMERANTSEV, Aleksey Aleksandrovich. Prinimali uchastiye: MORAR, A.V., aspirant; POMERANTSEVA, Ye.N.;

[Course of lectures on the theory of heat and mass transfer] Kurs lektsii po teorii teplo-massoobmena. Moskva, Vysshaia shkola, 1965. 349 p.
(MIRA 19:1)

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POMERANTSEVA. Z.N.

"Treating Fractures of the Jaw in Childrep", Stomatologiya, No. 2, 1949. Cand, Med. Sci., TsITO and TaIU, -c1949-.

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POMERANTSEVA-URBANSKAYA, Z.N.

Methods of treating dental injuries in children. Stomatologiia no.4:27-31 Jl-Ag '54. (MLRA 7:9)

1. Iz kafedry chelyustno-litsevoy khirurgii (zav. prof. N.M.Mikhel'son) TSentral'nogo instituta usovershenstvovaniya vrachey (dir. prof. V.P.Lebedeva) i chelyustno-litsevogo otdeleniya Instituta travmatologii i ortopedii (dir. chlen-korrespondent AMN SSSR prof. N.N.Priorov)

(TEETH, wounds and injuries, ther. in child.)
(WOUNDS AND INJURIES, teeth, ther. in child.)

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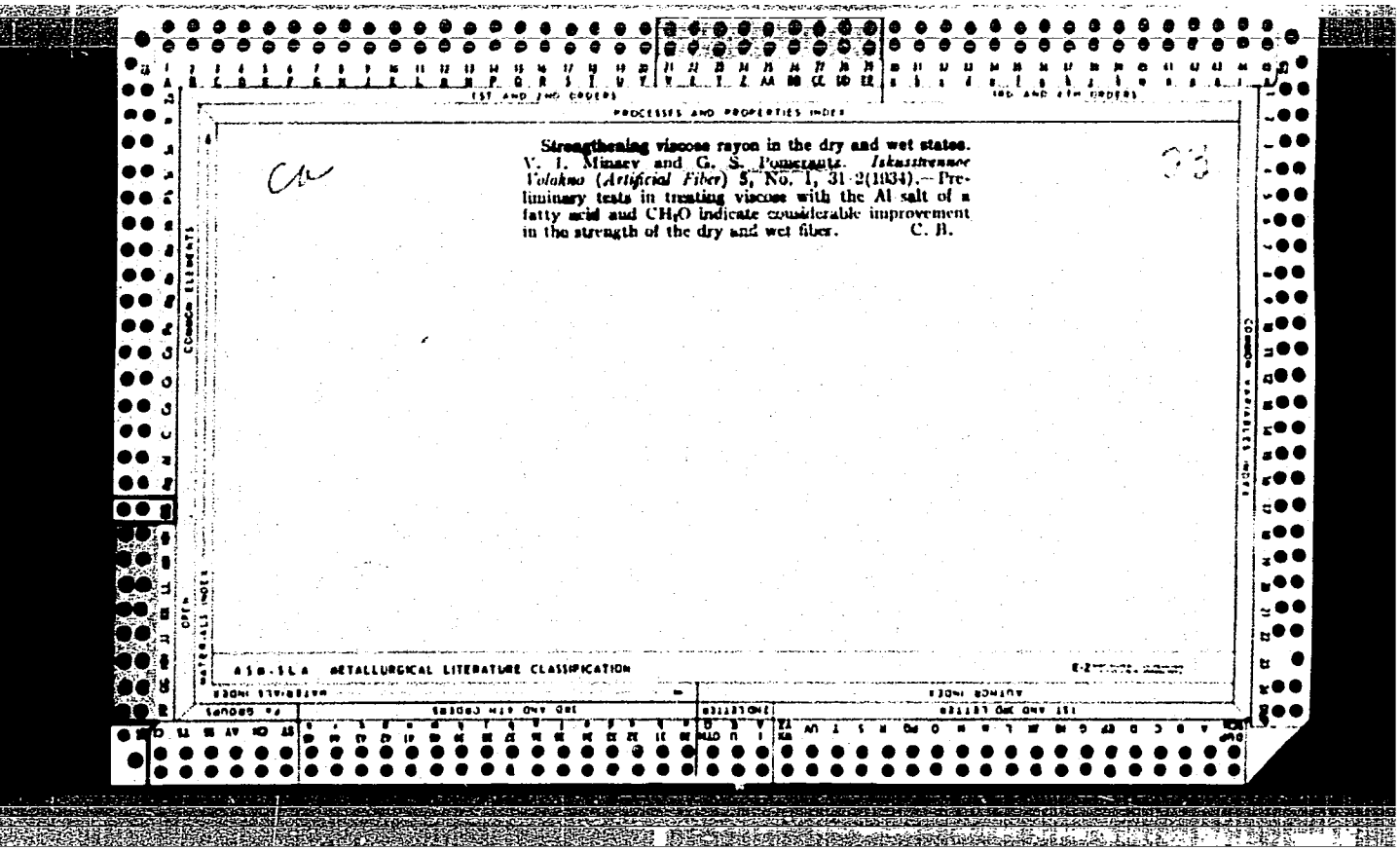

PROCESSES AND PROPERTIES INDEX

Strengthening viscose rayon in the dry and wet states. V. I. Minaev and G. S. Pomerants. *Iskusstvennoe Volokno* (*Artificial Fiber*) **5**, No. 1, 31-2(1934).—Preliminary tests in treating viscose with the Al salt of a fatty acid and CH_2O indicate considerable improvement in the strength of the dry and wet fiber. C. B.

93

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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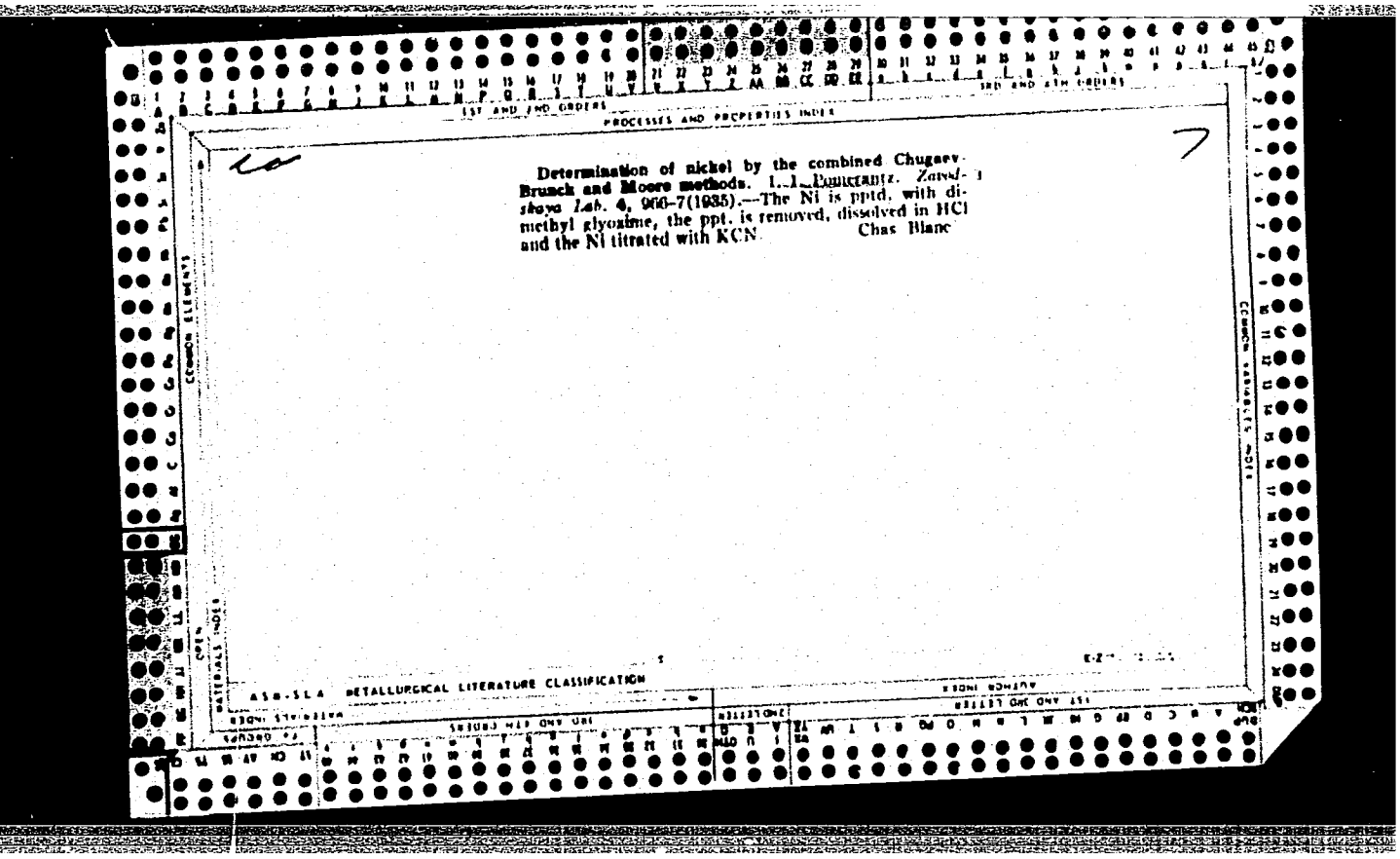
"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6



Determination of nickel by the combined Chugaev-Brunck and Moore methods. I. I. Poniatnitz. *Zavod. Lab.* 4, 906-7(1935).—The Ni is ppld. with dimethyl glyoxime, the ppt. is removed, dissolved in HCl and the Ni titrated with KCN. Chas Blanc

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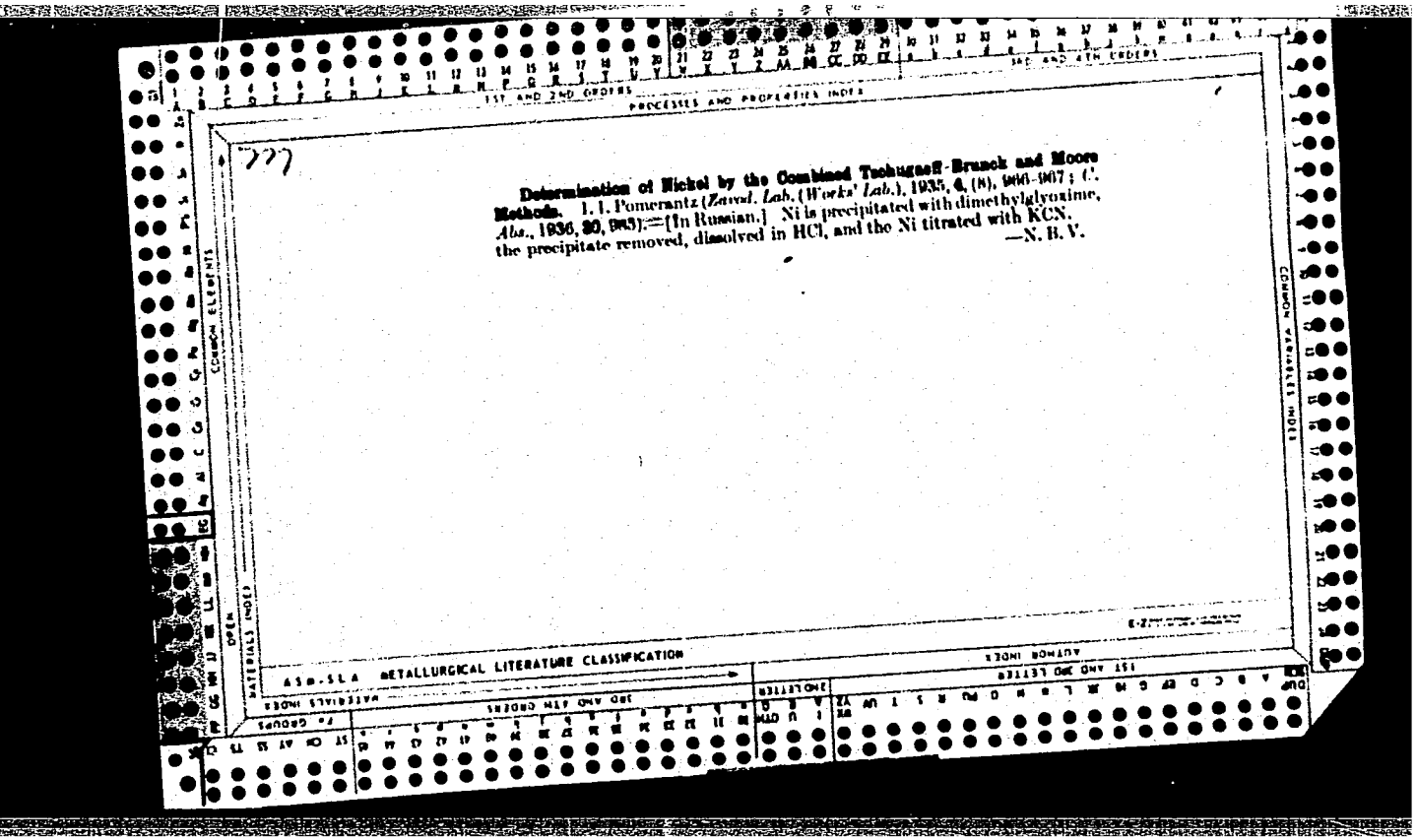

777

Determination of Nickel by the Combined Tschugaeff-Brunck and Moore Methods. I. I. Pomerantz (*Zavod. Lab.* (*Works' Lab.*), 1935, **4**, (8), 966–967; *C. Abs.*, 1936, **30**, 985).—[In Russian.] Ni is precipitated with dimethylglyoxime, the precipitate removed, dissolved in HCl, and the Ni titrated with KCN.
—N. B. V.

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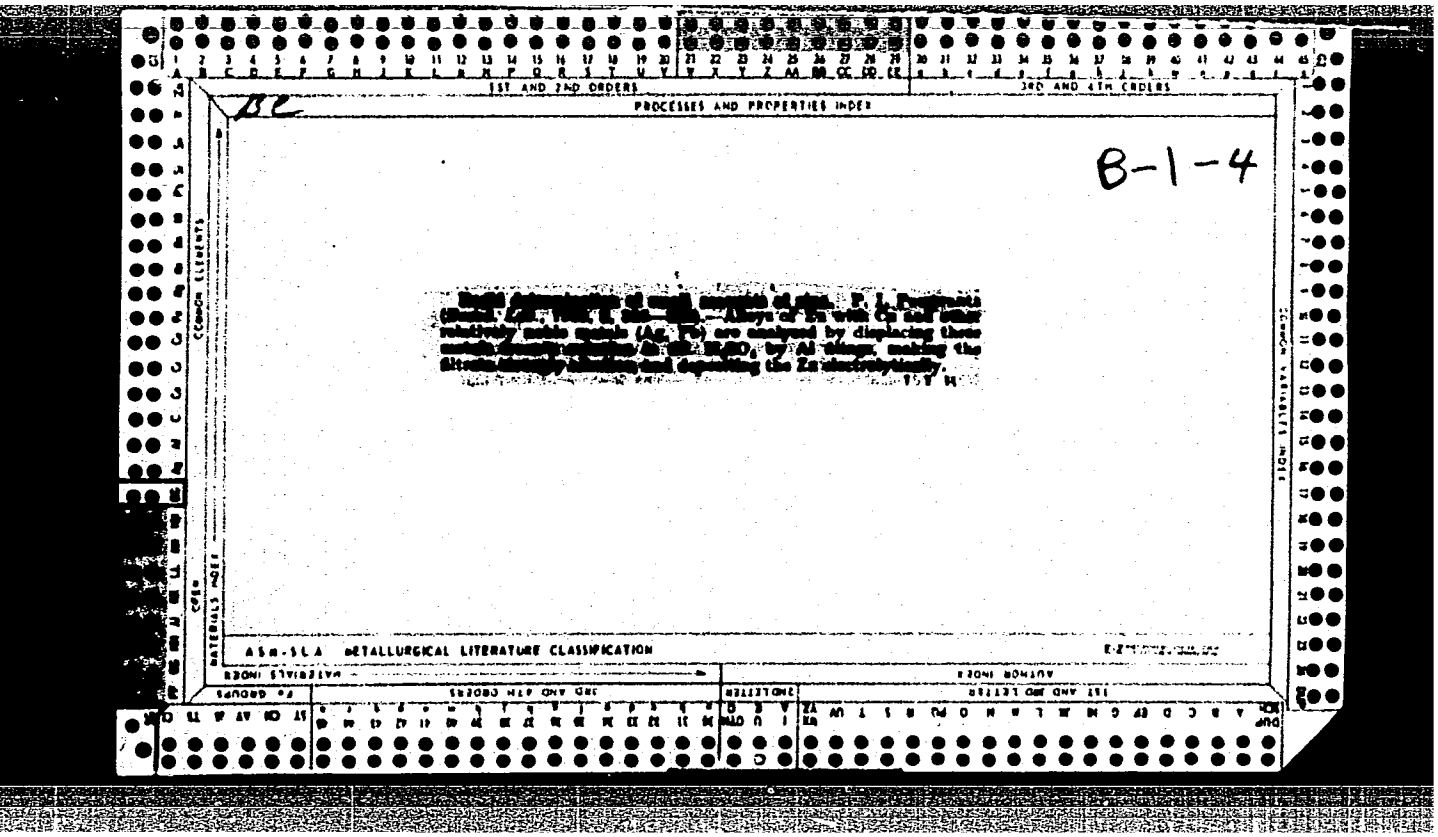

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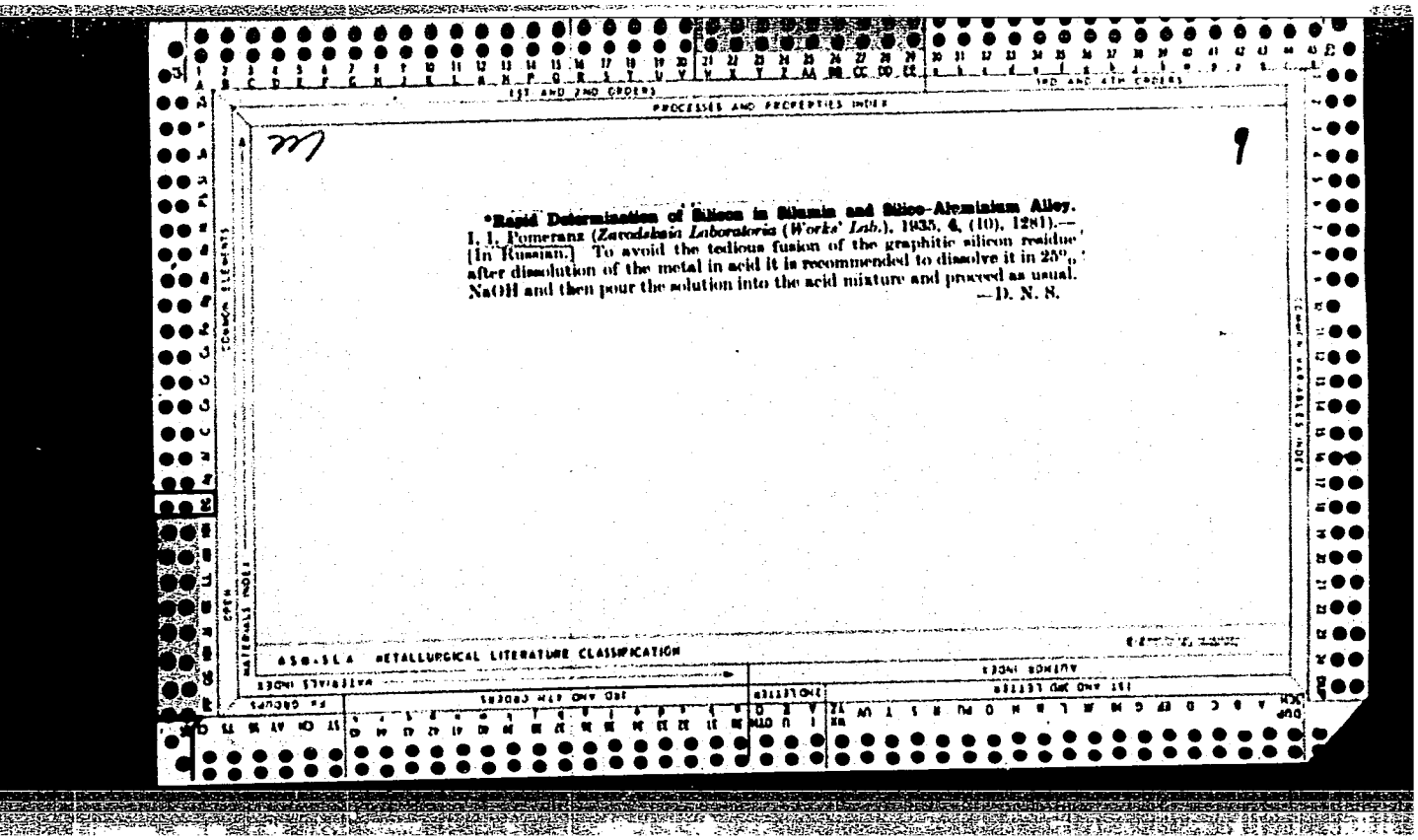

*Rapid Determination of Silicon in Silumin and Silico-Aluminium Alloy. I. I. Pomeranz (*Zavodskaia Laboratoria* (*Works' Lab.*), 1935, 4, (10), 1281).—[In Russian.] To avoid the tedious fusion of the graphitic silicon residue after dissolution of the metal in acid it is recommended to dissolve it in 25% NaOH and then pour the solution into the acid mixture and proceed as usual. —D. N. S.

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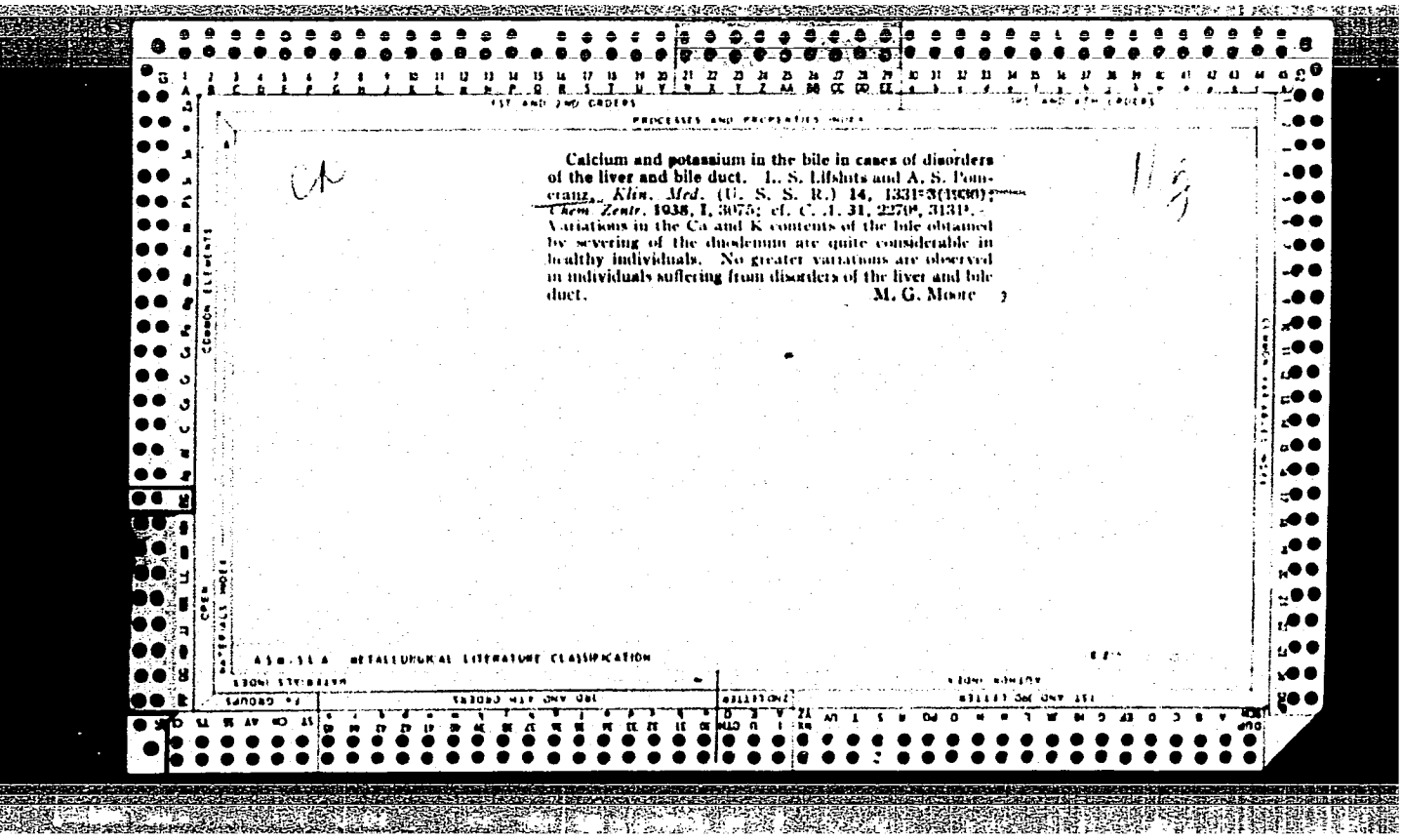
"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6



Calcium and potassium in the bile in cases of disorders of the liver and bile duct. L. S. Lifshits and A. S. Pomeranz, *Klin. Med.* (U. S. S. R.) **14**, 1331-3(1936); *Chem. Zentr.* **1938**, I, 3075; cf. C. A. **31**, 2270⁹, 3131⁹. Variations in the Ca and K contents of the bile obtained by severing of the duodenum are quite considerable in healthy individuals. No greater variations are observed in individuals suffering from disorders of the liver and bile duct. M. G. Moore

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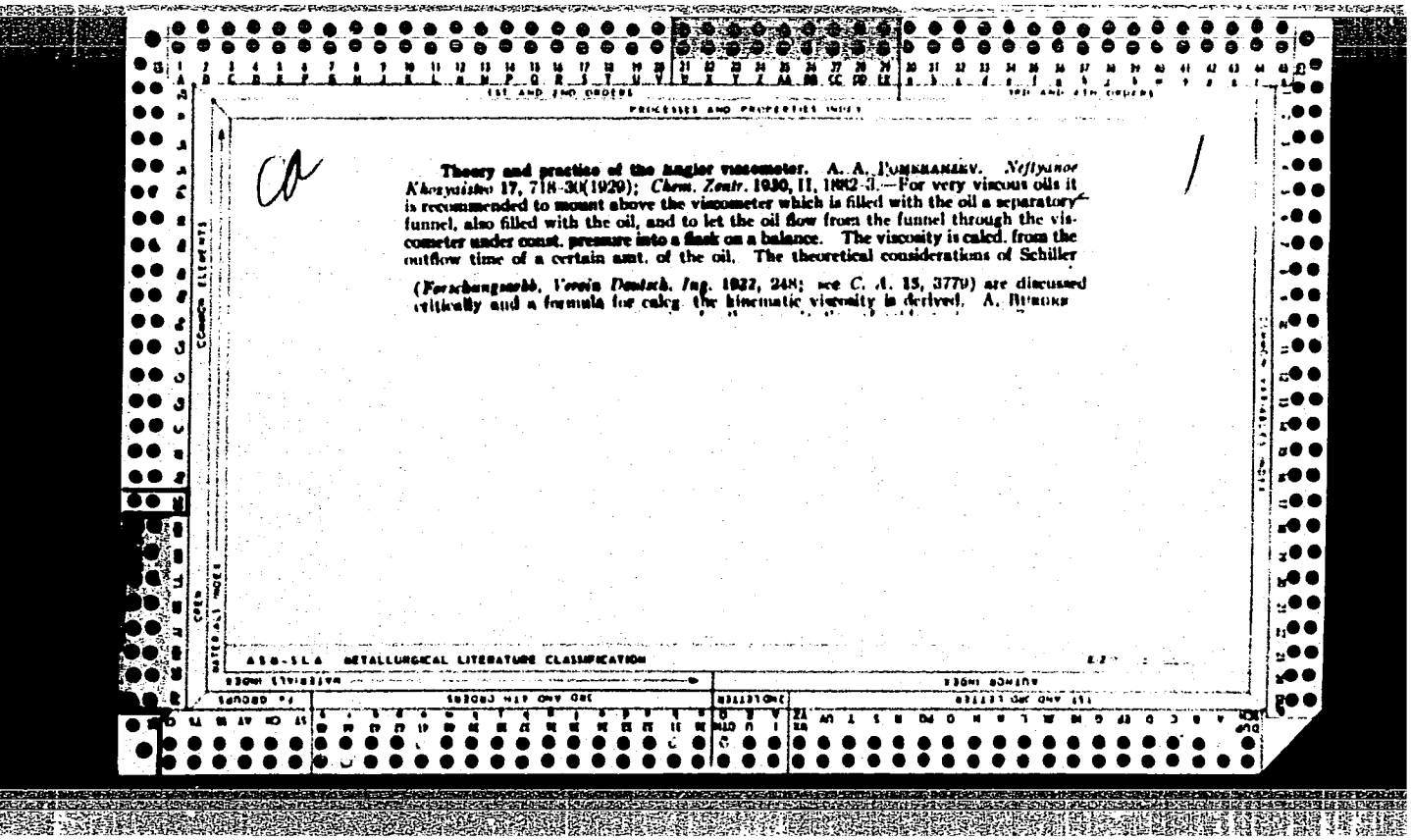

Theory and practice of the Angler viscometer. A. A. Pomeranzev. *Neftyanoe Khozyaistvo* 17, 718-30(1929); *Chem. Zentr.* 1930, II, 1882-3.—For very viscous oils it is recommended to mount above the viscometer which is filled with the oil a separatory funnel, also filled with the oil, and to let the oil flow from the funnel through the viscometer under const. pressure into a flask on a balance. The viscosity is calcd. from the outflow time of a certain amt. of the oil. The theoretical considerations of Schiller (*Forschungsarb. Verein Deutsch. Ing.* 1932, 248; see *C. A.* 15, 3779) are discussed critically and a formula for calcg. the kinematic viscosity is derived. A. Byrnes

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BIEDRZYCKA, R., dr. (Warszawa, ul. Rutkowskiego 34 m.8), LAMERS, J.; LACKI, M.; POMERSKA, E.

Physical development during the 1st year of life based on data from the consulting unit D of the Wola district in Warsaw. Pediat. polska 33 no.6:725-735 June 58.

1. Z Kliniki Propedeutyki Pediatrii A.M. w Warszawie Kierownik: prof. dr med. W Szenajch i z Instytutu Matki i Dziecka w Warszawie dyrektor: prof. dr med. Fr. Groer.

(GROWTH, in inf. & child during 1st year of life in Poland, statist., (Pol))

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

BUJKO, K.; POMERSKA, E.

Scarlet fever in Warsaw; epidemiologic data. Pediat. polska 28 no.1: 1-20 Jan 1953. (CLML 24:3)

1. Of the Pediatric Clinic of Infectious Diseases (Head--Prof. Jan Bogdanowicz, M.D.) of Warsaw Medical Academy.

Card 1/1

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POMESCU, I.

Improvement in the process of manufacturing roller bits. p. 5. TEHNICA NOUA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor) Bucuresti. Vol. 3, No. 33, Feb. 1956.

So. East European Accessions List Vol. 5, No. 9 September, 1956

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POKETUN, D. Ye.

Boring of, dropping torpedoes into, and selection of ground for oil wells. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1953. 70 p. (53-39913)

TN871.P63

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMETUN, D. E.

Brigadir po perforirovaniiu i torpedirovaniiu neftianykh i gozovykh skvazhin (Leader of the brigade engaged in drilling and torpedoing oil and gaz wells) Moskva, Gostoptekhizdat, 1954. 212 p

SO: Monthly List of Russian Accessions, Vol. 7, No. 6, Sep. 1954

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMETUN, D. YE.

15-57-7-9947

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7, p 176 (USSR)

AUTHOR: Pometun, D. Ye.

TITLE: Conference on Perforating, Torpedoing, and Site Selection (Soveshchaniye po perforatsii, torpediro-vaniyu i otboru gruntov)

PERIODICAL: V sb: Razvedochnaya i promysl. geofizika, Nr 15, Moscow, Gostoptekhizdat, 1956, pp 29-34

ABSTRACT: A conference of perforating, torpedoing, and site selection was held by workers of the Glavneftegeo-fizika (Main Administration of Geophysical Prospecting of the Ministry of the Petroleum Industry of the USSR) at the end of 1954. Perforating guns of the selective type (the SSP-4-1/4 and SSP-3-1/2) and of the volley type (PP-3, PPKh-4, and PP-6) were used for puncturing the casings in opening petroleum-gas-bearing loose

Card 1/2

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FEDYNSKIY, V.V., doktor fiziko-matem. nauk, red.; SHIROKOV, A.S., red.; KOVALEVA, A.A., red.; GRATSIANOVA, O.P., nauchn. red.; BORISOV, A.A., nauchn. red.; FEDYUK, V.I., nauchn. red.; KOTLYAREVSKIY, B.V., nauchn. red.; POMERANTSEVA, I.V., nauchn. red.; MOZZHENKO, A.N., nauchn. red.; LOZINSKAYA, A.M., nauchn. red.; SHNEYERSON, M.B., nauchn. red.; BOGDANOV, A.Sh., nauchn. red.; NIKITSKIY, V.Ye., nauchn. red.; KUDYMOV, B.Ya., nauchn. red.; PETROV, L.V., nauchn. red.; KOMAROV, .S.G, nauchn. red.; GORBUNOV, G.V., nauchn. red.; DUNCHENKO, I.A., nauchn. red.; FEL'DMAN, I.I., nauchn. red.; POMETUN, D.Ye., nauchn. red.; BEKMAN, Yu.K., ved. red.; VORONOVA, V.V., tekhn. red.

[Status and prospects for developing geophysical methods for mineral prospecting] Sostoianie i perspektivy razvitiia geofizicheskikh metodov poiskov i razvedki poleznykh iskopaemykh; materialy. Pod red. V.V. Fedynskogo. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 623 p. (MIRA 14:11)

1. Nauchno-tekhnicheskaya geofizicheskaya konferentsiya, Moscow, 1959.
2. Ministerstvo geologii i okhrany nedr SSSR (for Fedynskiy, Petrov).
(Prospecting—Geophysical methods)

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SERGEYEV, A.A., red.; ANPILOGOV, I.M., red.; ASSONOV, V.A., red.; BABAYANTS, N.A., red.; BABOKIN, I.A., red.; BALAMUTOV, A.D., red.; BOGORODSKIY, N.N., red.; BOLOHENKO, D.N., red.; BUCHNEV, V.K., red.; VAKHMINTSEV, G.S., red.; VORONKOV, A.K., red.; GARKALENKO, K.I., red.; GORBATOV, P.Ye., red.; GOLOVLEV, V.Ya., red.; DOKUCHAYEV, M.M., red.; DUBNOV, L.V., red.; YEVTEYEV, A.D., red.; YEREMENKO, Ye.K., red.; ZENIN, N.I., red.; KRIVONOGOV, K.K., red.; KUPALOV-YAROPOLK, I.K., red.; MATSYUK, V.G., red.; NIKOLAYEV, S.I., red.; ONISHCHUK, K.N., red.; PETROV, K.P., red.; PILYUGIN, B.A., red.; PLATONOVA, A.A., red.; POLESIN, Ya.L., red.; POKROVSKIY, L.A., red.; POMETUN, D.Ye., red.; POLYUSHKIN, A.Kh., red.; REYKHER, V.P., red.; SEDOV, N.A., red.; SIDORENKO, I.T., red.; FIDELEV, A.A., red.; CHAKHMAKHCHEV, A.G., red.; CHEMODUROV, M.Ya., red.; SHUMAKOV, A.A., red.; YAREMENKO, N.Ye., red.; PARTSEVSKIY, V.N., red.izd-va; ATTOPOVICH, M.K., tekhn.red.

[Standard safety regulations for blasting operations] Edinye pravila bezopasnosti pri vzryvnykh rabotakh. Izd.2. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1958. 318 p. (MIRA 13:1)

1. Russia (1923- U.S.S.R.) Komitet po nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru.
(Mining engineering--Safety measures)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

GRIGORYAN, Norayr Grigor'yevich; POMETUN, Dmitriy Yefimovich; GORBENKO, Leonid Andreyevich; LOVLYA, Sergey Aleksandrovich; KAPLAN, Berta L'vovna; CHERNOUSOV, P.K., inzh., retsenzent; PERSHINA, Ye.G., vedushchiy red.; FEDOTOVA, I.G., tekhn.red.

[Perforating and blasting in wells] Prostrelochnye i vzryvnye raboty v skvazhinakh. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1959. 353 p. (MIRA 13:3)
(Prospecting) (Blasting)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMETUN, D.Ye.

[Perforation, blasting and core sampling in well drilling] Perforatsiia, torpedirovanie i otbor gruntov v skvazhinakh. Moskva, Gos.nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1953. 70 p. (MLRA 6:8)
(Petroleum--Well boring)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMETUN, Dmitriy Yefimovich; VITSENI, Yefim Mikhaylovich; IONEL', A.G., ved. red.

[Perforation, shooting, and rock sampling in oil and gas wells] Perforirovanie, torpedirovanie i otbor porod v skvazhinakh. Moskva, Nedra, 1964. 338 p. (MIRA 17:12)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

BRAGIN, V.; POMETUN, G., Geroy Sotsialisticheskogo Truda

Open-hearth furnace steel workers at the Zaporozhstal' Plant have improved the world record. Metallurg 9 no.4:25 Ap '64. (MIRA 17:9)

1. Kiyevskiy institut narodnogo khozyaystva (for Bragin).
2. Starshiy plavil'nyy master zavoda "Zaporozhstal'" (for Pometun).

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMETUN, G., Geroy Sotsialisticheskogo Truda; BRAGIN, V., dotsent

Zaporozh'ye steel workers are renewing records. Metallurg 10 no.7:33 Jl '65. (MIRA 18:7)

1. Starshiy plavil'nyy master martenovskogo tsekha zavoda "Zaporozhstal'" (for Pometun). 2. Dnepropetrovskiy metallurgicheskiy institut (for Bragin).

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POMETUN, G., stolevar; ONISHCHENKO, M., stolevar; STEPANENKO, N., stolevar.

Carrying out the directives of the Congress. Nauka i zhizn' 23 no.6:17-19 Je '56. (MLRA 9:9)

1. Ordena Lenina zavoda "Zaporozhstal'."
(Zaporozhye--Steel industry)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

BRAGIN, V.F., aspirant; POMETUN, G.K., Geroy Sotsialisticheskogo Truda

Experience of the "Zaporozhstal'" plant in making use of the potentials of open-hearth furnace plants. Met. i gornorud. prom. no.4:20-22 Jl-Ag '63. (MIRA 16:11)

1. Kiyevskiy institut narodnogo khozyaystva (for Bragin).
2. Starshiy plavil'nyy master zavoda "Zaporozhstal'" (for Pometun).

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

ONISHCHENKO, Mikhail Kirillovich, stalevar; POMETUN, Grigoriy Konstantinovich, stalevar; STEPANENKO, Nikolay Aleksandrovich, stalevar; VERETEL'NIK, I.V., inzhener, redaktor; ISLANKINA, T.F., redaktor izdatel'stva; ISLENT'YEVA, P.G., tekhnicheskiy redaktor

[Our experience with a rapid oxygen steel making process] Nash opyt skorostnogo stalevareniia s primeneniem kisloroda. Moskva, Izd-vo "Znanie," 1953. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4 no.6) (MLRA 9:7) [Microfilm]

1. Ordena Lenina zavod "Zaporozhstal'" (for Onishchenko, Pometun, Stepanenko)
(Steel--Metallurgy)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMETUN, Grigoriy Konstantinovich, stalevar martenovskogo tsekha; POSPELOV, V.S., redaktor; KIRSANOVA, N.A., tekhnicheskiy redaktor.

[High steel production; experience in working steel with oxygen] Za vysokie s"emy stali; opyt skorostnogo stalevareniia s primeneniem kisloroda. [Moskva] Izd-vo VTsSPS Profizdat, 1955. 60 p. (MLRA 9:4)

1. Zavod "Zaporozhstal'" (for Pometun).
(Steel--Metallurgy)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POLYUN, Grigoriy Konstantinovich.

Ep: .
.R92:25

Za vysokiye s"yemy stali (For high speed removal of steel) Moskyva, Profizdat, 1955.
60 p. illus., diagrs., table (Rasskazy Novatorov)

HHB

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMETUN, Ye.A.; BOYAROVA, V.I.

Quantitative spectral determination of zinc in soils. Zhur. anal. khim. 16 no. 1:103-105 Ja-F '61. (MIRA 14:2)

1. Institute of Chemistry, Academy of Sciences of the Tadjik S.S.R., Stalinabad.

(Zinc—Analysis)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMETUN, Ye.A.; NOROV, A.

Spectral determination of lithium in sodium chloride brines.
Zhur.anal.khim. 17 no.1:48-49 Ja-F '62. (MIRA 15:2)

1. Institute of Chemistry, Academy of Sciences, Tajik S.S.R., Dushanbe.

(Lithium--Spectra) (Sodium chloride)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMETUN, Ye.A.; CHERVINA, T.I.

Spectral determination of thallium in mercury-antimony ores and in their treatment products. Zhur.anal.khim. 17 no.7:847-851 O '62. (MIRA 15:12)

1. Institute of Chemistry, Academy of Sciences, Tajik S.S.R., Dushanbe.

(Thallium--Spectra) (Thallium ores--Spectra)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

AL'PEROVICH, L.I.; POMETUN, Ye.A.; RUMYANTSEVA, Z.A.; CHAYKO, V.P.

Luminescent agents in petroleum. (Luminescent substances) Uch.zap.Tadzh.un. 18:88-94 '58. (Petroleum)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

ROSENZ, Josef, Inz.

Activities of the advisory boards at food industry schools.
Prum potravin 16 no.2:101-102 F '65.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMEZNY, J., inz.

Education of dairy industry specialists. Prum potravin 14 no. 12:648 D '63.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMEZNY, Josef, inz.

Seminar on the new in the meat industry. Prum potravin 15 no. 7:364 Jl '64.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMEZNY, Josef

Zaklady zootechniky. (Principles of Zootechny; a textbook for the 3d grade of the occupation 15/2. 1st ed. illus.) Prague, SNTL, 1957. 80 p.

Bibliograficky katalog, CSR, Ceske knihy, No. 33. 24 Sept 57. p. 721.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

PONEZNY, Josef

Aaklady agrotechniky pre 2. roc. povolania XV/1. Traktorista - opravar. (Fundamentals of Agricultural Technology for the 2d year of training for occupation XV/1. Tractor driver - repairman. tables) Bratislava, SVTL, 1957. 82 p.

Bibliograficky katalog, CSR, Slovenske khihy, Vol.VIII. 1957. No. 10. p.315.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMEZNY, Josef, inz.

Acceptance of future technicians in the mechanical engineering schools. Drevo 20 no.2:75 F '65.

1. Ministry of Education and Culture, Prague.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMEZNY, JOSEF.

Zemedelske skolstvi. (Vyd. 1.) Praha, Ministerstvo zemedelstvi; ve Statnim zemedelskem nakl., 1954. 102 p. (System of agricultural schools. 1st ed. illus.)

SO: Monthly East European Accession, (EEAL), LC,Vol. 4, No. 9, Sept. 1955 Uncl.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMEZNY, Josef, inz.

Seminar on measurement and control for teachers in food schools.
Prum potravin 15 no.10:538 O '64.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMEZNY, Josef, inz.

Education of wood technicians. Drevo 19 no.6:217-218 Je '64.

1. Ministry of Education and Culture, Prague.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMEZNY, Josef

Education of Czechoslovak technicians. Kvasny prum 10 no.9: 208-209 S '64.

1. Ministry of Education and Culture, Prague.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

[illegible], J.

The best investment. Listy cukrovar 80 no.11:304-305 N '64.

1. Ministry of Education and Culture, Prague.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

BURSCHE, K.; POMIAN, G.

Education of workers and work divided into component parts. Ochrona pracy 17 no.2:14-19,30 '62.

1. Pracownia Socjologii Zakladu Metodologii i Organizacji Ochrony Pracy.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

GARBINSKI, Tadeusz; GASIOR, Stanislaw; POMIANOWSKA, Emilia; ZWOLINSKI, Jerzy

Effect of hyaluronidase on physical properties of aerosols.
Gruzlica 27 no.6:477-482 June 59.

1. Z Kliniki Gruzlicy A. M. we Wroclawiu Kierownik: prof. dr T. Garbinski i z Zakladu Fizyki A. M. we Wroclawiu.
(HYALURONIDASE, pharmacol.) (ISONIAZID, pharmacol.)
(AEROSOLS, pharmacol.)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POL.

3282

Gliksman B., Gzylewski J., Krawiec J., Matulko A., Pomianowski A. 621.315.1.004.5

Work on Live H.T. Overhead Conductor Lines. Part I.

„Praca pod napięciem na liniach napowietrznych wysokich napięć". Cz. 1. Energetyka. No. 6, 1953, pp. 272—277, 7 figs.

The authors discuss the problem of carrying out work under high tension, without interrupting the supply of electricity to industrial and individual consumers. Such work done by teams from high schools of Engineering and the Electrotechnics Institute has resulted in compiling methods of insulation prophylactics and designing appliances which allow for work in progress on live conductors. Leading achievements include the cleaning of insulators on 110 kV and 60 kV lines. Detailed description of equipment and detergents, and method of carrying out the operations.

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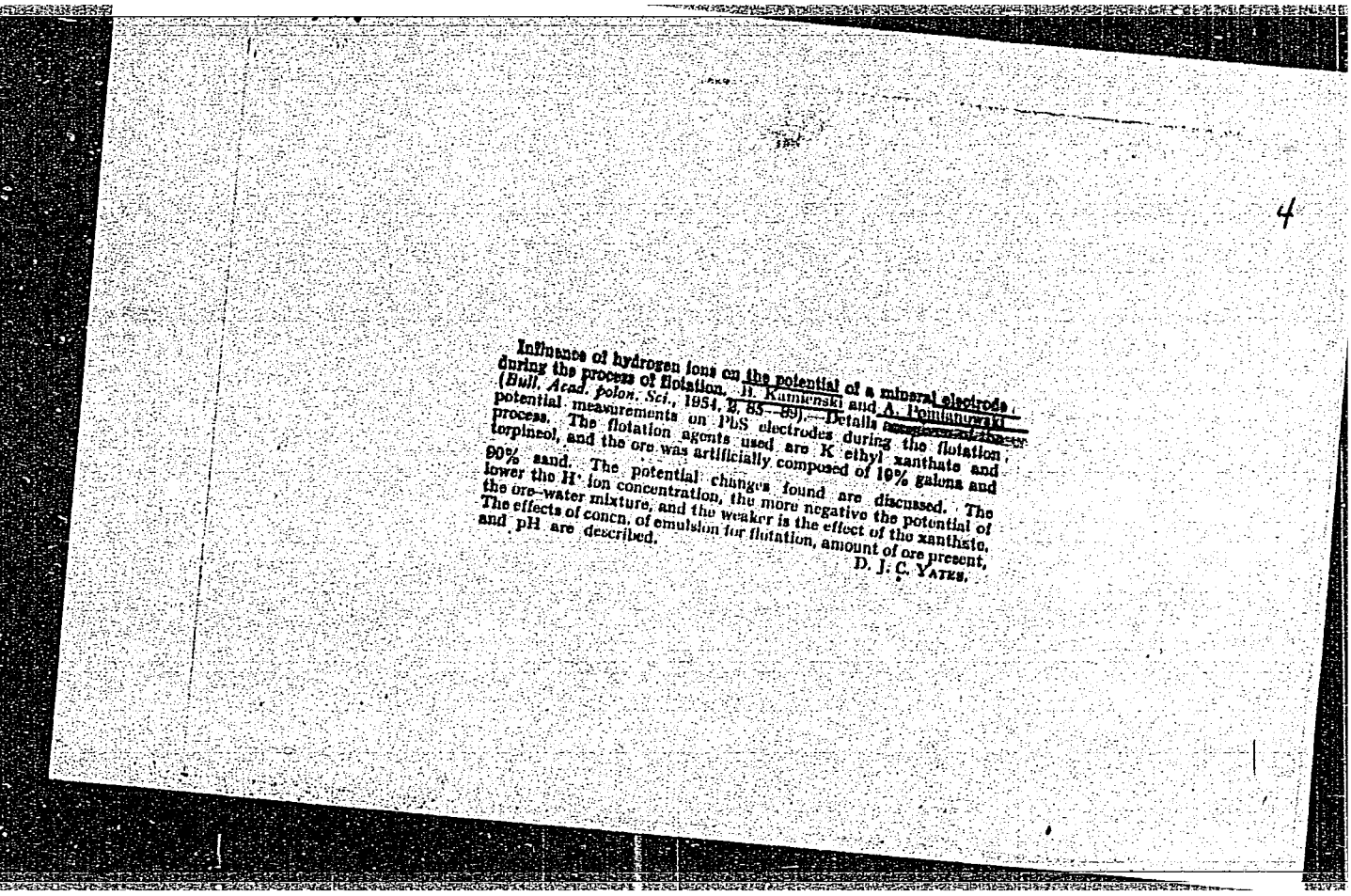

4

Influence of hydrogen ions on the potential of a mineral electrode during the process of flotation. H. Kamieński and A. Pomianowski (*Bull. Acad. polon. Sci.*, 1954, **2**, 85–89).—Details are given of the potential measurements on PbS electrodes during the flotation process. The flotation agents used are K ethyl xanthate and terpineol, and the ore was artificially composed of 10% galena and 90% sand. The potential changes found are discussed. The lower the H^+ ion concentration, the more negative the potential of the ore–water mixture, and the weaker is the effect of the xanthate. The effects of concn. of emulsion for flotation, amount of ore present, and pH are described.

D. J. C. Yates.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

Pomianowski A.

Electric phenomena accompanying flotation. B. Kamieński and A. Pomianowski. *Bull. acad. polon. sci., Classe III*, 2, 81-3(1954)(in English).—A galena (PbS) electrode exhibited considerable variation in potential (*vs.* a calomel electrode) when placed in a flotation cell. The potential increased rapidly with the addn. of crushed ore and decreased instantaneously (over 100 mv.) when flotation reagent (I) was added. I consisted of 1 g. K ethyl xanthate plus 1 g. terpineol in 250 cc. H_2O. The pH of the suspension was 3. At pH 7.5–8.0 the potential changes were smaller.

C. H. Fuchsman

(1)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, A.; KAMIŃSKI, B.

"Electrical Action of a Flotation Depressing Substance", P. 91, (POLSKA AKADEMIA NAUK, Vol. 2, No. 2, 1954, Varsovie, Poland)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3, March 1955, Uncl.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

KOMIANOWSKI, A.

Electrical Engineering Abst.
Vol. 57 No. 675
Mar. 1954
Electrical Engineering

621.315.17.004.5

924. [Maintenance] work on energized h.v. overhead transmission lines. I. Testing of insulation. B. GLIKSMAN, J. GIZYLEWSKI, J. KRAWIEC, A. MATULKO AND A. POMIANOWSKI. *Energetyka*, 7, *No.* 6, 272–7 (1953) *In Polish.*

A description is given of a few practical methods and apparatus used on power transmission lines operating at voltages up to 110 kV for testing suspension and pin-type insulators, measuring the contact resistance of conductor joints and cleaning the insulators with chemical solvents. E. M. DEMBINSKI

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

Pomianowski A.

Electrical action of a flotation-depressing substance. D. Kamieński and A. Pomianowski. *Bull. acad. polon. sci., Classe III*, 2, 61–2(1954)(in English).—$K_2Cr_2O_7$ exercises a depressing effect on the flotation of PbS by increasing the potential of the PbS electrode. Xanthates, which function as flotation reagents, decrease the potential of PbS. C. H. Fuchsman

(1)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POHIANOWSKI, A.; KAMIENSKI, B.

"Electric Phenomena Accompanying Flotation", P. 81, (POLSKA AKADEMIA NAUK, Vol. 2, No. 2, 1954, Varsovie, Poland)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3, March 1955, Uncl.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

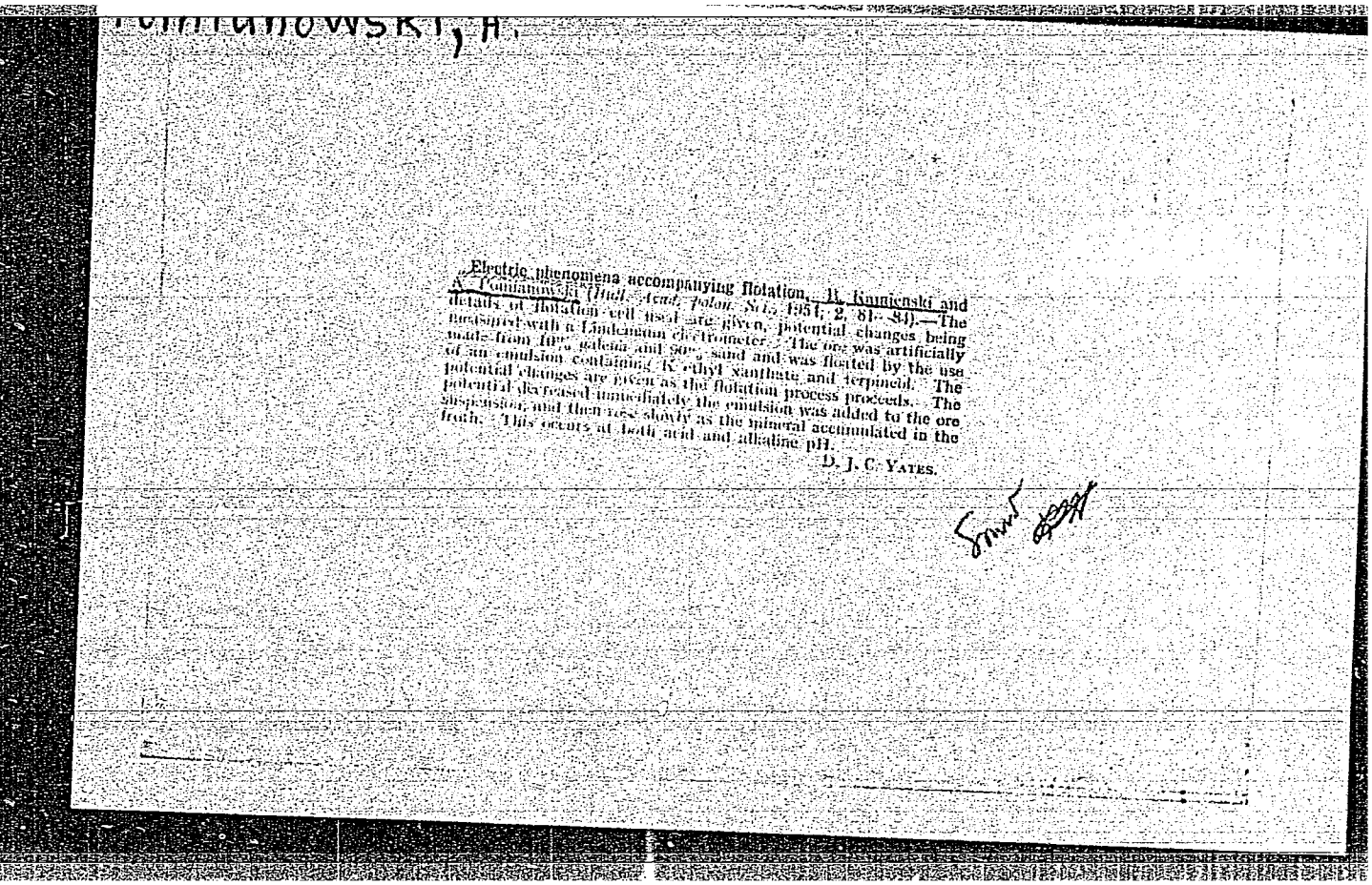
PCHIANOWSKI, A.; KAMIENSKI, B.

"The Influence of Hydrogen Ions on the Potential of a Mineral Electrode During the Process of Flotation", P. 85, (POLSKA AKADEMIA NAUK, Vol. 2, No. 2, 1954, Varsovie, Poland)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3, March 1955, Uncl.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6



Electric phenomena accompanying flotation. H. Kamieński and A. Cwiąkowski (*Bull. Acad. Polon. Sci.*, 1951, 2, 81–84).—The details of flotation cell used are given, potential changes being measured with a Lindemann electrometer. The ore was artificially made from PbS, galena and SiO$_2$, sand and was floated by the use of an emulsion containing K ethyl xanthate and terpineol. The potential changes are given as the flotation process proceeds. The potential decreased immediately the emulsion was added to the ore suspension, and then rose slowly as the mineral accumulated in the froth. This occurs at both acid and alkaline pH.

D. J. C. YATES.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, A.

2718. Hot line work on high-voltage overhead lines. (621.315.177
B. GERCHAK, J. GZYLEWSKI, J. KRASWICA, A. SIA-
TULEO AND A. POMIANOWSKI. *Energetyka [Katowice]*
8, No. 1, 26-31 (1954) In Polish.

Equipment and methods for replacement of phase conductors, overhead ground wires, insulator strings and structures are described for lines up to 110 kV. As an alternative to the hot-stick method, linemen work at line potential while standing on a mobile insulated platform. No current can flow through a linemen as a jumper is installed between the conductor and a metal mat on which he stands. Work is on a disconnected phase, while others are energized. It is recommended that hot-line work at a lower potential unless this platform is adequately multigrounded.

J. LUKASZEWICZ

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, A.

POMIANOWSKI, A.

S. Minc and L. Stolarczyk's Elementy fizykochemii koloidow (Elements of the Physico-chemistry of the Colloids); a book review.

p. 224 (Wiadomosci Chemiczne) Vol. 11, no. 3, Mar. 1957, Wroclaw, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, ANDRZEJ

3

Theoretical approach to flotation. 18 Andrzej Pomianowski and Janina Czubak-Pawlikowska (Univ. Kraków, Poland). *Wiadomości Chem.* 11, 233–73(1957).—A review with 165 references. A. Kregiewski

Rb

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, A.

Distr: 4E2c(m)

Electric phenomena accompanying the process of flotation. A. Pomianowski (Polish Acad. Sci., Krakow, Poland). *Proc. Third Congr. Surface Activity, 2nd; London, 1957* 3, 332–42.—Twenty references were reviewed concerning the measurement of elec. potentials using electrodes made of minerals. This technique was used in a direct expt. to show the relation between the electrocapillary effect and flotation by using Hg as the mineral. An app. is described for measuring the recovery of Hg at various collector concns. and various soln. surface tensions and for the simultaneous measurement of the Hg droplet potential at the moment of its contact with the pulp. The limiting concn. of potassium ethyl xanthate permitting max. flotation of Hg was 1 mg./500 ml. of soln. whereas a sharp change in the elec. potential of the dropping Hg electrode occurred at 30 times this concn. J. B. Bates

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MSC (JD)
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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, A.; CZUBAK-PAWLIDOWSKA, J.

Experiments with a theoretical rendition of the process of flotation.

P. 233 (WIADOMOSCI CHEMICZNE) (Wroclaw, Poland) Vol. 11, No. 4/5, Apr./May 1957

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, No. 5, 1958

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, A.

Absorption spectra of solutions of the flotation collector and depressant. Andrzej Pomianowski (Univ. Kraków, Poland). *Roczniki Chem.* 32, 1381–4(1958)(English summary).—Absorption spectra of K ethyl xanthate, K dichromate, and their mixts. in aq. soln. of various concns. were detd. It was stated that the spectra of mixts. are satisfactorily additive; this enables one to study the compn. by extinction detns. at 3000 and 2600 A., and also to study the kinetics of interaction between the flotation agents. The mixts. were stable during flotability tests.—A. K.

Distr: 4E3d/
4E2c

4
2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

PONIANOWSKI, A.

Absorption spectra of solutions of the flotation collector and depressed. p.1381.

ROCZNIKI CHEMII. Warszawa, Poland. Vol. 32, no. 6, 1958.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, Andrzej, mgr inz.; WIECZOREK, Stanislaw, mgr inz.

High- power short circuit laboratory of the Power Institute.
Energetyka Pol 18 no.4:Supplement: biul inst energetyki 6
no.3/4:9-11 Ap'64

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, Andrzej; LISZKA, Rudolf

The yield of the flotation of mercury as an indicator of collector stability. Rocz chemii 34 no.2:717-720 '60. (EEAI 10:1)
(Mercury) (Flotation)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, Andrzej; LISZKA, Rudolf

The effect of the acidity of a solution on the flotation of mercury. Rocz chemii 34 no.2:713-716 '60. (EEAI 10:1)

1. Zaklad Fizykochemii Zjawick Powierzchniowych Polskiej Akademii Nauk, Krakow i Katedra Chemii Fizycznej i Elektrochemii Uniwersytetu Jagiellonskiego, Krakow
(Mercury) (Flotation)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POLAND / Plant Diseases. Diseases of Forest Species. 9

Abs Jour : Ref Zhur - Biologiya, No 22, 1958, No. 100558

Author : Pomianowski, Miron
Inst : Not given
Title : Control of Household Fungus - An Important Economic Problem

Orig Pub : Gospod. mater., 1957, 9, No 17, 605-609

Abstract : Described are the spreading methods of household fungi, conditions contributing to their development, diagnoses of the wooden parts of structures affected with Merulius lacrimans, Poria vaporaria, Coniophora cerebella, Paxillus acheruntius. Two coatings (in 1-3 hours) or spraying of the wood with fungicides are recommended. The best method of protecting wooden parts from household fungi is immersion in solutions of oil or water antiseptics for 15-40 minutes. Oil antiseptics are heated to 80-90°,

Card 1/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, M.

Wooden materials in the 5-Year Plan. p. 88
(MATERIALY BUDOWLANE, Vol. 12, No. 3, Mar. 1957, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6 , No. 9, Sept. 1957, Uncl.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POLAND / Chemical Technology, Chemical Products and Their Application, Part 3. - Wood Pulp Industry, Hydrolysis Industry. H

Abs Jour: Ref Zhurnal Khimiya, No 18, 1958, 62388.

Author : Miron Pomianowski.
Inst : Not given.
Title : Protection of Wood from Fire.

Orig Pub: Gospod. mater., 1957, 9, No 18, 648 - 649.

Abstract: Inorganic substances protecting from fire (soluble glass, ammonium phosphates) and organic ones, as, for example, ureoformaldehyde resins, are introduced into wood by impregnation or they are applied to the surface. The principles of action of fire protection means are described and their imperfections are noted.

Card 1/1

3

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, M.

Saving lumber in the building industry. p. 81.
MATERIALY BUDOWLANE, Warszawa. Vol. 11, no. 3, Mar. 1956.

SOURCE: East European Acession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, M.

The question of saving lumber. p. 98.
MATERIALY BUDOWLANE, Warszawa. Vol. 11, no. 4, Apr. 1956.

SOURCE: East European Acession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, M.

POMIANOWSKI, M. Timber in the light of the Polish Building Conference. p. 264. Vol. 11, no. 9, Sept. 1956. MATERIALY BUDOWLANE. Warszawa, Poland.

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 No 4 APRIL 1957

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, M.; GOLIGIER, J.

Saving lumber in the Hungarian building industry. p. 305.
Vol. 10, no. 11, Nov. 1955. MATERIALY BUDOWLANE. Warszawa.

SOURCE: EASt European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

GRYNSZPAN, Adam; POMIANOWSKI, Wladyslaw

Attempted use of hyaluronidase in the rehabilitation of patients with knee contractures following acute anterior poliomyelitis. Chir. narzad. ruchu ortop. Pol. 29 no.6:725-730 '64

1. Z Sanatorium Rehabilitacyjno-Ortopedycznego we Wroclawiu (dyrektor: dr. Z. Kryncki).

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, Z

Selecting the size of conductors in the circuit of the rotor of a slip-induction motor.

P. 33 (WIADOMOSCI ELEKTROTECHNICZNE) (Warszawa, Poland) Vol. 17, no. 2, 1957

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5. 1958

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, Zygmunt, inz.

Transistor system for testing the state of insulation. Wiad. elektrotechn 33 [i.e. 32] no.4:112-113 Ap '64

1. Elektroprojekt, Krakow.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, Zygmunt, inz.

Electronic and semiconductive contactless relays. Wiad elektrotechn 30 no.12:389-393 D '62.

1. Elektroprojekt, Krakow.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, Zygmunt, inz.

Electronic and semiconductive contactless relays. Wiad elektrotechn 30 no.12:389-393 D '62.

1. Elektroprojekt, Krakow.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, Zygmunt, inz.

Semiconductive photoelectric switch. Wiad elektrotechn 31 no.6:135-137 Je '63.

1. Elektroprojekt, Ekspozytura, Krakow.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, Zygmunt, inz.

Decision elements in electro-automatic control in the industry. Wiad elektrotechn 28 no.10:297-301 O '61.

1. Elektroprojekt Ekspozytura, Krakow.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMIANOWSKI, Zygmunt, inz.

Logical systems in industrial electric automation. Wiad elektrotechn 28 no.10:297-301 O '61.

1. "Elektroprojekt," Ekspozytura Krakow.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

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POMICH, W. F.

"Proprietes additives log $\frac{L}{Y}$ et calcules des radius des molecules." Starobinetz, G. L. et Pomich, W. F. (p. 2022)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii). 1937, Volume 7, No. 14.

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POMILUYKO, I. S., Vet Surgeon, Omsk Veterinary Institute

"Electrode Suspensory for Diathermy Treatment of Cow Udders"

Veterinariya, Vol 27, No 10, 1950
U--4540 , 14 Jan 1954, p2

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POLILUYKO, N. S.

"Investigation of the Electromagnetic Phenomena in a Constant Current Traction Motor with the Object of Extending the Control Properties and of the Study of the Possibilities of Raising the Tension." Moscow Order of Labor Red Banner Electromechanical Inst of Engineers of Railroad Transport imeni F. E. Dzerzhinskiy, Moscow, 1953
(Dissertation for the Degree of Candidate of Technical Sciences)

SO: Knizhnaya Letopis', No. 32, 6 Aug 55

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POMILUYKO, N.S.

Subject : USSR/Electricity AID P - 3249

Card 1/2 Pub. 27 - 4/25

Authors : Pomiluyko, N. S., Kand. Tech. Sci., and P. N. Shlyakhto, Kand. Tech. Sci., Dotsent, Moscow

Title : Ways of improving d-c traction motors

Periodical : Elektrichestvo, 9, 18-22, S 1955

Abstract : The article is devoted to the problems of 1) increasing the capacity of d-c traction motors, 2) improving their traction and regeneration characteristics, 3) using a wide field regulation, and 4) raising the line voltage and the resistance to the flash-over. The authors describe the deficiencies of traction motors now in use (DPE-400A, DK-103A, DP1-150) which limit the development of d-c traction. They suggest a new type of d-c traction motor with dimensions corresponding to the DK-103A type, with non-salient poles, a stabilized potential on the commutator, and a sinusoidal field. Because of the structure of the stator, under transient operating conditions

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P. m. Luyko, N.S.

P.9

14(6),8(0) PHASE I BOOK EXPLOITATION SOV/3071

Akademiya nauk SSSR. Energeticheskiy institut

Elektroenergetika, vyp. 1 (Electric Power Engineering, Nr 1) Moscow, Izd-vo AN SSSR, 1959. 159 p. Errata slip inserted. 2,800 copies printed.

Eds. of Publishing House: P. F. Ogarkov and Ye. N. Grigor'yev; Tech. Ed.: Ye. V. Zelenkova; Editorial Board: Yu. G. Tolstov, Doctor of Technical Sciences (Resp. Ed.), I. M. Markovich, Doctor of Technical Sciences, I. S. Stekol'nikov, Doctor of Technical Sciences, P. I. Zubkov, Candidate of Technical Sciences, G. V. Mikhnevich, Candidate of Technical Sciences, V. I. Levitov, Candidate of Technical Sciences, and N. D. Bol'shov (Secretary)

PURPOSE: This collection of articles is intended for specialists in the various fields of electric power engineering treated in it.

COVERAGE: The first issue of the collection of articles, "Elektroenergetika", appeared in April 1959. It is published by ENIN imeni G. M. Krzhizhanovskiy of the Academy of Sciences, USSR. The articles in this issue are based on research and work by the

Card 1/11

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authors under the auspices of ENIN. The articles are on a high theoretical and technical level and represent original contributions to various present-day problems in electrical engineering. References are given after most of the articles.

TABLE OF CONTENTS:

Tolstov, Yu. G., and A. L. Sarkisov. Arc Rectifiers With Increased Pressure 3

In 1954 and 1955 several theoretical and experimental investigations were made at the Institute in order to determine the possibility of using hot-cathode arc rectifiers with increased pressure for long-distance d-c power transmission. The investigations were aimed at improving the parameters of E. Marx arc rectifiers produced in Germany before and during the war. The authors conclude that, despite improvements, modern mercury arc rectifiers are superior to the hot-cathode ones and recommend use of the former in long-distance d-c power transmission. The following organizations and scientific personnel participated

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in the investigations together with ENIN: IMYeT - D.A. Petrov, K. M. Korol'kov, R. L. Petrusevich; MGU - N. A. Kaptsov, M. Z. Khokhlov and the welding section; Academy of Sciences, USSR - N. N. Rykalin, Corresponding Member of the Academy, I. D. Kulagin, A. I. Pugin and others. There are 4 references: 3 Soviet and 1 German.

Neyman, L. R., Ye. G. Burtseva, and S. R. Cliternik. Model of D-C Electric Power Transmission System of the Power Engineering Laboratory imeni M. A. Shatelen, ENIN AN SSSR 12

This d-c high-voltage network analyzer (model) was built at the laboratory in 1952/53. The following investigations are being conducted with it: increase of reliability and stability of network operation and effect of d-c electric power transmission on the static and dynamic stability of an a-c power system. The investigations are being conducted under the supervision of L. R. Neyman, Corresponding Member of the Academy of Sciences, USSR. There are no references.

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Electric Power Engineering, Nr 1 SOV/3071

Kovalev, F. I., and G. P. Mostkova. High-Frequency Oscillations in Rectifying Units With Saturable Reactors 20

As a result of investigations conducted at the NIIPT, ENIN and other organizations, methods were found for damping complex oscillations generated in converter installations. This was accomplished by switching a bypass circuit consisting of capacitances and resistances connected in series into the rectifier and power transformer phases. There are 6 references: 2 Soviet, 2 English, 1 German and 1 Italian.

Pyrkov, V. V. Problem of Designing Saturable Reactors for Low-Voltage Contact Rectifiers 31

The author considers the problem of designing saturable reactors for d-c low-voltage supply for electrochemical and electrometallurgical industries, which has not been adequately treated in the current literature. He aims at presenting a systematic survey of existing methods and suggests certain concrete recommendations on methods of calculating saturable reactors. There are 10 references: 2 Soviet, 6 German and 2 English.

Card 4/11

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

Utevskiy, A. M. Theory and Method of Designing Voltage-Doubling Rectifiers With a Capacitive Filter 44

The method suggested by the author was tested experimentally and found to satisfy engineering requirements. There are 11 references: 7 Soviet, 2 German and 2 English.

Gorelkin, N. V., Sh. I. Lutidze and P. M. Shpileva. Electronic Excitation of Synchronous Generators Using a Six-phase Circuit With a Buffer Rectifier 54

The authors credit Academician K. I. Shenfer with the first studies in 1933 on the problems of electronic excitation. Recent theoretical investigations on this subject were conducted in the USSR by D. A. Zavalishin, I. A. Glebov, Ye. L. Ettinger and by the electromechanics laboratory of ENIN. The authors made a number of investigations of electronic excitation on laboratory models using different circuit combinations. All of the methods using buffer rectifiers were introduced by the laboratory. The methods and results of

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

investigations are presented. There are 3 references, all Soviet.

Lutidze, Sh. I. Analysis of an Electronic Exciter Connected Through a Three-phase Circuit With a Buffer Rectifier. 67

The author investigates simple and reliable three-phase electronic exciter systems with buffer rectifiers and applies the method of symmetrical components to obtain expressions for currents and voltages. This article is a continuation of the previous one. There are 3 references, all Soviet.

Gorelkin, N. V. and P. M. Shpileva. Application of Germanium Rectifiers in Excitation Circuits of Synchronous Generators 93

The electromechanics laboratory of ENIN developed, in 1956, an experimental installation of a synchronous generator equipped with a rotating germanium rectifier in a bridge circuit with germanium diodes of the DGTs-24 type. Results of experiments are presented. There are 5 references: 4

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

Electric Power Engineering, Nr 1 SOV/3071

Soviet and 1 English.

Kozlovskiy, G. F., and G. V. Mikhnevich. Equivalent Circuit of Station Generators Equipped With Strong-Action Regulators 98

The author presents a method of representing a group of n station generators by two identical generators equivalent to the group in their static characteristics. The method is used in studying static stability and the nature of transients of station generators. There are 4 references, all Soviet.

Gorushkin, V. I. Application of the Method of Successive Approximations for Calculating Complex Electrical Networks 105

There are 7 references, all Soviet.

Gol'tsov, N. A. Transformation of a Single-phase System Into a Three-phase Using Static Devices According to a Scheme Developed by P. A. Kalantarov and L. A. Tseytlin 114

Card 7/11

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

The method used consists in employing capacitors in the circuit. The author derives formulas expressing the transformation. There are 3 references, all Soviet.

Aronzon, N. Z. Properties of a Certain Type of Oscillatory Circuit 117

No references are given.

Gol'tsov, N. A. Application of a Series of Functions for the Derivation of Formulas of Various Numerical Methods for Solving Ordinary Differential Equations 120

There are 3 references, all Soviet.

Stekol'nikov, I. S. The Mechanism of Discharge in Large Gap Spacings for Alternating Current 127

The author, a well-known specialist in problems of lightning protection, investigated the mechanism of discharge at industrial frequency and at various spacings of the air gap,

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

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all of them having practical applications. On the basis of several experiments, using various types of circuits and varying the parameters, the author concludes that the electric strength of a given spacing is not subject to substantial change when circuit parameters are varied. There are 8 references: 2 Soviet, 4 English and 2 German.

Pomiluyko, N. S. Electronic Electrothermic Anemometer With Semiconductor Pickups 142

Experimental investigation conducted at the electromechanics laboratory of ENIN on aerodynamics and heat transfer using turbogenerator models necessitated further development of methods of measuring temperatures and velocities in rotor and stator channels. To overcome difficulties encountered when using conventional methods of measurement (Prandtl tubes) the author developed semiconductor ball pickups and an electrothermic anemometer. He was assisted in this work by A. P. Pereleshina, Candidate of Technical Sciences, and mechanics I. A. Krupenin, B. I. Postnikov, and V. K. Semenov.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

No references are given.

Sarkisov, A. L., Yu. L. Belous. Method of Determining Dynamic Voltampere Characteristics of Semiconductor Rectifiers on an Oscillograph 148

The authors describe a method of obtaining the real operational (dynamic) voltampere characteristic directly on the screen of a cathode-ray oscillograph by supplying, simultaneously on the horizontal and vertical pairs of the oscillograph, plate voltages proportional to the forward current and forward voltage (during the conductive part of the period) and to the reverse current and reverse voltage (during the non-conductive part of the period). The results of tests are presented. No references are given.

Moskvitin, A. I. The Most Advantageous Copper Space Factor in Direct-Cooling of Electric Machines 153

The author attempts to determine an optimum copper space factor at which it is possible to increase the current load

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

to a maximum and to determine simultaneously maximum efficiency of internal cooling. For quantitative investigation the author uses formula which he derived by solving an equation of therma conductivity with given marginal conditions. Results of the investigation are presented. There are 4 references: 2 Soviet, 1 English and 1 German.

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POMILUYKO, N. S.

"Investigation of Electro-magnetic Phenomena in the D. C. Traction Motor for the Purpose Extending the Control Properties and for Determining the Possibility of a Voltage Increase." 27 May '53.

Didsertation for the Degree of a Cand. Tech. Sci. at the Moscow Electomechanical Inst. of Railroad Traffic Enginners.

Official Opponents were: Dr. Tech. Sci., Prof. Ye. N. Nitusov and Dr. Tech. Sci., Prof. K. G. Markvardt.

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POMILUYKO, N.S.

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AUTHOR: 1.) Cand. of techn. sciences, Doz. LUPKIN, D.M.
2.) Cand. of techn. sciences, POMILUYKO, N.S. and Doz. SHLYAKHTO, P.N.
3.) Cand. of techn. sciences, PASHIN, M.F.

TITLE: 1.) Inductionfree Condensors for a Capacity Dividor of Impulse Voltage.
Benzinduktsionnyy kondensator klya yemkostnogo delitelya impul'snykh napryazheniy. Russian).
2.) Ways and Means of Improving Train Motors.
(Puti uluchsheniya tyagovykh dvigateley postoyannogo toka. Russian).

PERIODICAL: Elektrichestvo, 1957, Nr 5, pp 81 - 82 (U.S.S.R.)
Received: 6 / 1957 Reviewed 7/ 1957

ABSTRACT: 1.) Concerns the article in Elektrichestvo, 1955, Nr 9. A number of mistakes are printed out.

2.) Is the answer of the author of the article which was criticized to by Lupkin. Lupkin's criticisms are refuted.

3.) A special condensor with an additional pair of potential installations, which is connected to the oscillograph, is proposed and described. The potential installations make it possible to get ried of the parasitic EMK of selfinduction which arises

Card 1/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMILUYKO, S.K., kand.fiz.-mat.nauk, dots.

More about the operation of friction apparatus used in freight-car automatic couplings. Trudy MIIT no.102:45-57 '59.
(MIRA 12:10)

(Car couplings) (Railroads--Freight cars)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

POMILUYKO, S.K., kandidat fiziko-matematicheskikh nauk, dotsent.

Operation of the shock absorber apparatus of automatic freight car couplings. Trudy MIIT no.92/11:39-48 '57. (MIRA 10:7)
(Car couplings)

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POMILUYKO, V.I., inzhener.

New development in cement specifications. TSement 20 no.3:24-25 My-Je '54. (MLRA 7:7)
(Cement--Standards)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342030011-6

SUSHKOVA, A.S.; POMILUYKO, V.P.

Study of a carbohydrate complex of the sap of Chinese sugar-cane stems by means of paper chromatography. Ukr. khim. zhur. 30 no.7: 728-730 '64 (MIRA 18:1)

1. Institut organicheskoy khimii AN UkrSSR.

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